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TC 1700

Docket No. 1776-4066

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicant(s): OKAZAKI et al.

Group Art Unit: 1711

Serial No.: 09/890,321

Examiner: Patricia Hampton Hightower

Filed: October 12, 2001

For: REACTIVE MONOMER COMPOSITION MODIFIED BY A SMALL AMOUNT OF LACTONES, AN ACRYLIC POLYOL RESIN, A CURABLE RESIN COMPOSITION, AND A COATING COMPOSITION

**AMENDMENT UNDER 37 C.F.R. §1.111**

Commissioner for Patents  
Washington, DC 20231

Sir:

This paper is submitted in response to an Office Action dated September 9, 2002. A petition for a one-month extension of time accompanies this paper. In the event that additional fees are necessitated by these amendments under 37 C.F.R. §§ 1.16 and 1.17, the Commissioner is hereby authorized to charge Deposit Account No. 13-4500, Order No. 1776-4066.

**IN THE SPECIFICATION:**

Please delete the original abstract and replace it with the following abstract: (A copy of the abstract is also provided separately on the last page of this response).

--This invention provides a hydroxyalkyl(meth)acrylate composition modified by a small amount of lactones in which a proportion of monomers having two or more continuous chains of lactone is less than 50% (area % by GPC). This invention also provides methods for synthesizing such a composition. This invention also provides an acrylic polyol resin comprising the hydroxyalkyl(meth)acrylate composition, a carboxylic group-containing acrylate composition modified by a small amount of lactones, and a polyester unsaturated monomer modified by a small amount of lactones. Uses of these materials in curable resins,